



09/274 2814

PTO/SB/21 (12/97)  
Approved for use through 9/30/2000. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/274,430
		Filing Date	March 22, 1999
		First Named Inventor	Michael Barrow
		Group Art Unit	2814
		Examiner Name	
Total Number of Pages in This Submission	11	Attorney Docket Number	042390.P3495C2

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition  <input type="checkbox"/> To Convert a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Small Entity Statement  <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">1) Form PTO-1449 (2pgs) 2) Declaration of Michael Barrow Under 37 C.F.R. § 1.131 with Exhibit A (4pgs) 3) 6 Cited Art References</div>
Remarks		

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Babak Redjaian, Reg. No. 42,096 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	<i>Babak Redjaian</i>
Date	December 6, 1999

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:			
			December 6, 1999
Typed or printed name	Sharon Chu		
Signature	<i>Sharon Chu</i>	Date	12/06/99

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Please type a plus sign (+) inside this box



PTO/SB/17 (2/98)

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## FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.  
These are the fees effective October 1, 1997.  
Small Entity payments must be supported by a small entity  
statement, otherwise large entity fees must be paid. See  
Forms PTO/SB/09-12.  
See 37 C.F.R §§ 1.27 and 1.28.

Complete if Known

Application Number	09/274,430
Filing Date	March 22, 1999
First Named Inventor	Michael Barrow
Examiner Name	
Group/Art Unit	2814
Attorney Docket Number	042390.P3495C2

TOTAL AMOUNT OF PAYMENT (\$) 0.00

### METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

02-2666

Deposit  
Account  
Name

Blakely, Sokoloff, Taylor & Zafman LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. ☐ Charge the Issue Fee Set in 37 CFR § 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)

2. ☐ Payment Enclosed:  
☐ Check ☐ Money Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	760	201	380	Utility filing fee	
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	760	208	380	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$)

#### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims			
Multiple Dependent			

#### Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple Dependent claim, if not paid
109	78	209	39	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within first month	
116	380	216	190	Extension for response within second month	
117	870	217	435	Extension for response within third month	
118	1,210	218	680	Extension for response within fourth month	
128	1,850	228	925	Extension for response within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)					
Other fee (specify)					

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

### SUBMITTED BY

Typed or  
Printed Name

Babak Redjaian, Reg. No. 42,096

Signature

Babak Redj

Date

12/06/99

Complete (if applicable)

Reg. Number

Deposit Account  
User ID

02-2666

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# 5/IDS  
12/26/99  
VJ

Our Docket No.: 042390.P3495C2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Michael Barrow

Application No.: 09/274,430

Filed: March 22, 1999

For: PERIMETER MATRIX BALL GRID  
ARRAY CIRCUIT PACKAGE WITH  
A POPULATED CENTER



Examiner:

Art Group: 2814

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents  
Washington, DC 20231-9999

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Sir:

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In accordance with his duty of disclosure under 37 CFR § 1.56 and in accordance with 37 CFR § 1.97 (b), Applicant submits the enclosed Form PTO-1449, including copies of the cited art references listed herein.

The cited art reference entitled "Texas Instruments, Semiconductor Group Package Outlines, Reference Guide" submitted herein has a drawing of a package that is dated April 1995. Also enclosed is a copy of a Rule 131 Declaration signed by the inventor, Michael Barrow, and filed in the parent case (Application Serial No. 08/959,546). The Declaration establishes that the inventor conceived and reduced to practice the claimed invention prior to the reference date of the drawing in the Reference Guide, April of 1995.

Applicant contends that the cited art does not preclude the patentability of the present invention because of the cited art neither anticipates nor renders obvious the present invention.

Please charge any required fee due to Deposit Account 02-2666. A duplicate of this sheet is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: December 6, 1999

Babak Redjain  
BABAK REDJAIAN  
Reg. No. 42,096

12400 Wilshire Boulevard, Seventh Floor  
Los Angeles, California 90025  
(714) 557-3800

CERTIFICATE OF MAILING

*I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on: December 6, 1999.*

Sharon Chu  
Sharon Chu

12/06/99  
Date